

ABSTRACT

A method to capture any user-selected image such as a corporate logo, a photograph, or a key word or phrase, and to convert that image into a microscopic halftone dot with tonal variation features, and to allow substitution of these dots for conventional square, round, elliptical, diamond and/or other shaped dots typically used in normal commercial printing. Through this invention, all or selected graphical elements of a printed image can be rendered in "logodots" that can be verified with a magnifying device and that are difficult to copy using commercial photocopiers and scanners and result in pronounced streaking patterns in copies so made. Through this invention an economical, graphical manufacturing technique is provided for printing security documents such as checks, certificates, transcripts, and other objects having monetary or intrinsic value.